Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
Data File : BG059449.D
Acq On : 16 Oct 2023 9:18
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 03:23:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:05:49 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020452

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.218	152	34783	20.000	ng/ul		0.00
20) Naphthalene-d8	11.062	136	167499	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.857	164	106043	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.607	188	252712	20.000	ng/ul		0.00
79) Chrysene-d12	21.914	240	266255	20.000	ng/ul		0.00
88) Perylene-d12	25.392	264	300606	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.512	96	8660	7.807	ng/uL		0.00
4) Pyridine-d5	3.947	84	62602	20.622	ng/ul		0.00
7) Phenol-d5	7.343	99	78187	20.530	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.537	67	44750	20.617	ng/ul		0.00
11) 2-Chlorophenol-d4	7.731	132	57471	21.208	ng/ul		0.00
15) 4-Methylphenol-d8	8.912	113	55506	19.115	ng/ul		0.00
21) Nitrobenzene-d5	9.423	128	28684	20.736	ng/ul		0.00
24) 2-Nitrophenol-d4	10.134	143	29884	22.131	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.662	165	56475	20.126	ng/ul		0.00
31) 4-Chloroaniline-d4	11.209	131	84280	18.925	ng/ul		0.00
46) Dimethylphthalate-d6	14.252	166	180162	20.053	ng/ul		0.00
49) Acenaphthylene-d8	14.558	160	219520	20.264	ng/ul		0.00
54) 4-Nitrophenol-d4	15.051	143	32915	21.210	ng/ul		0.00
60) Fluorene-d10	15.845	176	170298	20.137	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	29917	19.375	ng/ul		0.00
73) Anthracene-d10	17.707	188	270227	20.798	ng/ul		0.00
81) Pyrene-d10	19.981	212	324105	20.041	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.151	264	334116	20.302	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	10772	7.807	ng/uL	#	84
5) Pyridine	3.964	79	64620	21.551	ng/ul		98
6) Benzaldehyde	7.360	77	40891	24.421	ng/ul		95
8) Phenol	7.372	94	79201	20.872	ng/ul		95
10) Bis(2-Chloroethyl)ether	7.637	93	59119	19.876	ng/ul		97
12) 2-Chlorophenol	7.766	128	58015	20.856	ng/ul		94
13) 2-Methylphenol	8.647	108	56957	20.473	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.723	45	130481m	20.953	ng/ul		
16) Acetophenone	9.058	105	88522	20.310	ng/ul		94
17) N-Nitroso-di-n-propyla...	9.017	70	43783	21.905	ng/ul		96
18) 4-Methylphenol	8.976	108	59479	19.727	ng/ul		99
19) Hexachloroethane	9.299	117	23585	22.020	ng/ul	#	78
22) Nitrobenzene	9.458	77	64819	21.001	ng/ul		95
23) Isophorone	9.963	82	133101	20.306	ng/ul		96
25) 2-Nitrophenol	10.169	139	30379	20.569	ng/ul	#	91
26) 2,4-Dimethylphenol	10.198	107	62219	20.121	ng/ul		94
27) Bis(2-Chloroethoxy)met...	10.445	93	84003	20.061	ng/ul		99
29) 2,4-Dichlorophenol	10.692	162	53659	19.842	ng/ul	#	93
30) Naphthalene	11.115	128	205556	20.388	ng/ul		98
32) 4-Chloroaniline	11.232	127	82023	19.618	ng/ul		94
33) Hexachlorobutadiene	11.338	225	34493	19.282	ng/ul		94
34) Caprolactam	12.020	113	20050m	20.991	ng/ul		
35) 4-Chloro-3-methylphenol	12.308	107	57585	20.845	ng/ul		96
36) 2-Methylnaphthalene	12.695	142	129699	19.939	ng/ul		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.913	142	135801	20.503	ng/ul#	87
39) 1,2,4,5-Tetrachloroben...	13.042	216	68835	20.100	ng/ul	93
40) Hexachlorocyclopentadiene	12.995	237	36229	18.291	ng/ul	95
41) 2,4,6-Trichlorophenol	13.289	196	42119	20.011	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.359	196	44695	19.295	ng/ul	90
43) 1,1'-Biphenyl	13.688	154	186020	19.612	ng/ul	96
44) 2-Chloronaphthalene	13.747	162	139401	19.212	ng/ul	91
45) 2-Nitroaniline	13.964	65	41393	21.470	ng/ul	96
47) Dimethylphthalate	14.299	163	181395	20.145	ng/ul	100
48) 2,6-Dinitrotoluene	14.446	165	31285	18.867	ng/ul	96
50) Acenaphthylene	14.587	152	228294	19.941	ng/ul	98
51) 3-Nitroaniline	14.787	138	39031	22.206	ng/ul	98
52) Acenaphthene	14.922	153	156862	20.023	ng/ul	96
53) 2,4-Dinitrophenol	14.981	184	16301	18.576	ng/ul	94
55) 4-Nitrophenol	15.063	109	21831	20.000	ng/ul#	61
56) Dibenzofuran	15.251	168	217622	20.544	ng/ul	99
57) 2,4-Dinitrotoluene	15.222	165	47370	20.307	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.463	232	44611	21.554	ng/ul	98
59) Diethylphthalate	15.645	149	175236	20.138	ng/ul	95
61) Fluorene	15.903	166	179492	20.197	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.886	204	89377	20.033	ng/ul	96
63) 4-Nitroaniline	15.944	138	37918	22.282	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.974	198	33094	20.043	ng/ul#	88
67) N-Nitrosodiphenylamine	16.103	169	153941	20.840	ng/ul	99
68) 4-Bromophenyl-phenylether	16.785	248	52501	18.951	ng/ul	95
69) Hexachlorobenzene	16.873	284	62629	19.720	ng/ul	94
70) Atrazine	17.037	200	59523	20.417	ng/ul	96
71) Pentachlorophenol	17.231	266	34813	19.341	ng/ul	90
72) Phenanthrene	17.648	178	316570	20.145	ng/ul	98
74) Anthracene	17.742	178	331541	20.469	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.653	216	71016	19.511	ng/uL	97
76) Pentachlorobenzene	15.151	250	69708	19.796	ng/uL	94
77) Carbazole	18.018	167	277636	19.917	ng/ul#	97
78) Di-n-butylphthalate	18.524	149	334258	21.070	ng/ul#	99
80) Fluoranthene	19.646	202	397003	20.211	ng/ul	97
82) Pyrene	20.016	202	419309	20.086	ng/ul#	95
83) Butylbenzylphthalate	20.862	149	149802	21.250	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.808	252	148789	21.555	ng/ul	98
85) Benzo(a)anthracene	21.890	228	420324	20.009	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	214622	21.110	ng/ul	99
87) Chrysene	21.961	228	398943	20.156	ng/ul	99
89) Di-n-octyl phthalate	23.013	149	366229	20.588	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	412988	20.228	ng/ul	97
91) Benzo(k)fluoranthene	24.335	252	432055m	20.642	ng/ul	
93) Benzo(a)pyrene	25.222	252	403618	20.615	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.399	276	455238m	20.676	ng/ul	
95) Dibenzo(a,h)anthracene	29.482	278	366785m	20.156	ng/ul	
96) Benzo(g,h,i)perylene	30.686	276	355843m	19.904	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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